

# Converting Colors

Hex(9ED39A)

Have a look what the booklet for  
Hex(9ED39A) contains.

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# **Color**

**Hex(9ED39A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ED39A
RGB	158, 211, 154
RGB Percent	62%, 83%, 60%
CMY	0.3804, 0.1725, 0.3961
CMYK	0.25, 0.00, 0.27, 0.17
HSL	116°, 39%, 72%
HSV	116°, 27%, 83%
XYZ	43.2276, 56.1907, 39.1394
YIQ	188.6550, -13.2910, -28.9630

# Conversions

## Conversions Part 2

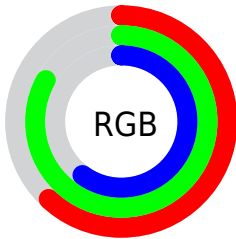
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 211, 207
Decimal	10408858
CIELab	79.72, -28.08, 22.83
CIELCh	80, 36.194, 140.887
Yxy	56.1907, 0.3120, 0.4055
Android (android.graphics.Color)	4288598938 (0xFF9ED39A)
YUV	188.6550, -17.0849, -26.8844
Hunter-Lab	74.9605, -28.2450, 21.5150

# Details

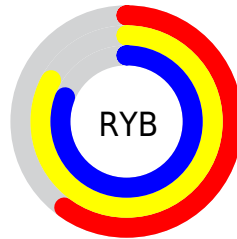
The Hex color **9ED39A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CF9AD3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D6FFD1**, and **699C67** is the 20% darker color. If you saturate the color by 10%, you get **8AD385**, and if you desaturate by 10%, it is **B2D3AF**.

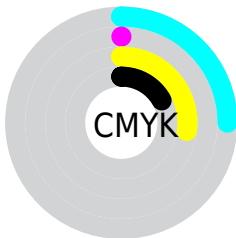
# Distribution



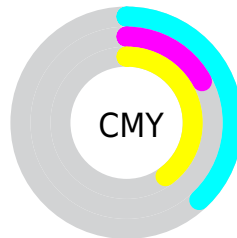
- Red (62%)
- Green (83%)
- Blue (60%)



- Red (60%)
- Yellow (83%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (38%)
- Magenta (17%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ED39A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9ED39A by changing the saturation by 10% instead.



 9ED39A

 9ED39A

FFFFFF

 83B780

 D6FFD1

 699C67

 F2FFED

 50824E

 376937

 1E5020

 01390A

 002300

 000000

 9ED39A

 9ED39A

 8AD385

 B2D3AF

 77D370

 C5D3C4

 63D35B

 D9D3D9

 50D346

 ECD3EE

 3CD331

 FFD3FF

 28D31B

 15D306

 0FD300

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C5CB86



9ED39A



76D7BA

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9ED39A



88CCFF



FFADAF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9ED39A



CF9AD3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADD1



9ED39A



BCC1FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9ED39A



5CD4F9



E6B5F1



FFB593

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9ED39A



5ED8D1



E6B5F1



FFACBA

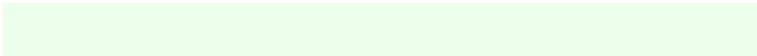


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9ED39A



ECFFEB



D3CE9A



748073



000000



808080

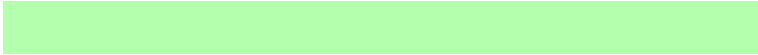


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9ED39A



B3FFAD



9AD3B2



5F695E



0CA800



032900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CF9AD3



F9ADFF



D39ABB



685E69



9C00A8



260029



# Previews

## White Background



This preview shows how the Hex color 9ED39A looks on a white background.

## Color Contrast Check

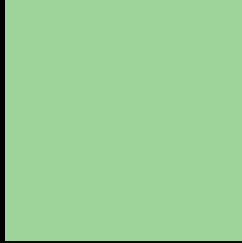
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9ED39A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ED39A Background



This preview shows how black text looks on a background with the Hex color 9ED39A.

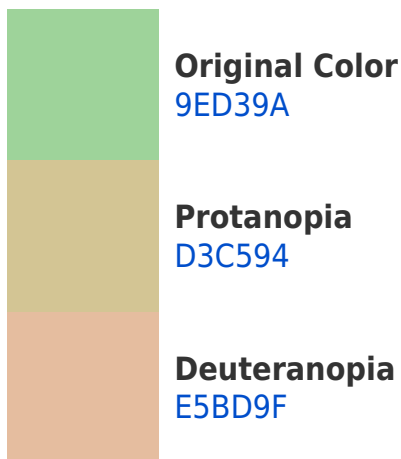


This preview shows how white text looks on a background with the Hex color 9ED39A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

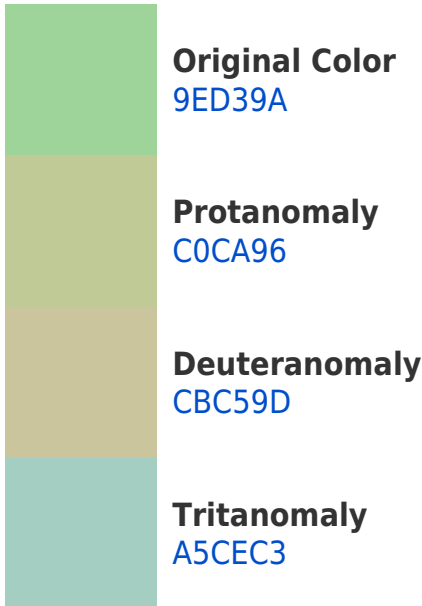
## Dichromacy



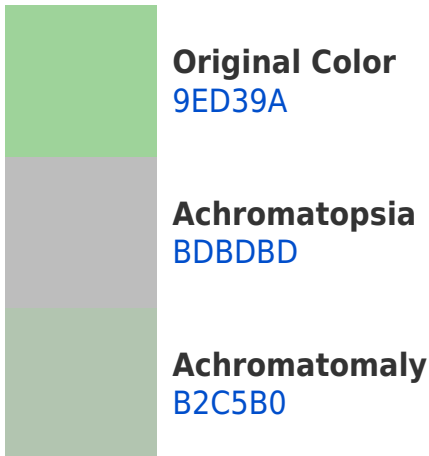


**Tritanopia**  
A9CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ED39A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9ED39A looks like.

```
.text, #text, p{  
    color:#9ED39A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9ED39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED39A
}
```

## Border

The CSS property to change the border of an element to Hex 9ED39A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9ED39A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9ED39A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9ED39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED39A; -webkit-box-shadow:4px 4px  
4px 4px #9ED39A; box-shadow:4px 4px 4px  
4px #9ED39A }
```

# Background

The CSS property to change the background color of an element to Hex 9ED39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED39A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9ED39A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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